ECS Configuration Change Request

CCR No. 98-0561	Logged Date 5/7/98	Rev. –	Request Type CCR
Priority Routine [X] Low Urgent [ ] Emergency [X]		Affected Release 2.0	Change Class I N

Title (description)
Install the SGI NAG90 compiler on s0mog01

Documents Affected	Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference
	CCR 97-1703A

RTM Change [ ] **Start New Baseline** [ ]

Problem
The SGI science processors are being upgraded to support SGI 7.2 compilers. The SGI machine s0mog01 was configured as a CM platform to support building the SDP Toolkit binary libraries with the 7.2 compilers. But a version of the SDP Toolkit (old 32 bit) must also be built on the SGI using the NAG90 SGI compiler, an old legacy Cray compiler which is not integrated with the SGI 7.2 compilers. The NAG90 compiler is not configured on s0mog01.

Proposed Solution
Install the NAG90 compiler on s0mog01 to allow the old 32 bit version of SDP Toolkit to be built.

NEED DATE: 5/8/98

Impact Analysis:

Organizations Affected:					
BOO [ ]	Contracts [ ]	ECS Chief Eng [ ]	FOS [ ]	M&O [ ]	
Procurement [ ]	QO [ ]	Rel. Dev [X]	Rel. A [ ]	Rel. C [ ]	SCDO Arch. [ ]
Science Off [X]	Security [ ]	Subcontrct [ ]	Sys. Eng [X]	Sys Verf Acpt [ ]	

Cost:	None [X]	Small [ ] (Not exceeding $100,000)	Medium [ ] ($100,000 to $500,000)	Large [ ] (Over $500,000)

Schedule: None [X] Other

Additional LOC _____ Man-Months _____

Materials

Originator Mac McDonald — Signature — 5/7/98 Date

Office SED — Office Manager — Signature — 7 May 98 Date

Disposition Approved [✓] Approved w/Comment [ ] Forward [ ] Disapproved [ ]

Comments:

CCB Chairperson — Signature — 5/7/98 Date

ORIGINAL

CM-NP